SECRET
(When Filled In)

997015

R & D CATALOG FORM

DATE: 5 January 1965

1. PROJECT TITLE/CODE NAME: Film Editing Table

2. SHORT PROJECT DESCRIPTION: A film editing table which will slice film.

3. CONTRACTOR NAME:

4. LOCATION OF CONTRACTOR:

5. CLASS OF CONTRACTOR: Manufacturer

6. TYPE OF CONTRACT: FP

25X1A

7. FUNDS: FY 1965 $

8. REQUISITION NO.:

9. BUDGET PROJECT NO.: NP-0-5

FY 19 $

FY 19 $

10. EFFECTIVE CONTRACT DATE (Begin - end): March 1965 - July 1965

11. SECURITY CLASS.: A. A. - Conf. T - Unclass. W - Unclass.

25X1A

12. RESPONSIBLE DIRECTORATE/OFFICE/PROJECT OFFICER TELEPHONE EXTENSION: DDI/NPIC/P&DS,

13. REQUIREMENT/AUTHORITY: Because of the development and use of new film bases, a need to slice the film in the editing process has arisen. A development employing this capability was requested by TID/NPIC.

14. TYPE OF WORK TO BE DONE: Engineering Development

25X1A

15. CATEGORIES OF EFFORT

MAJOR CATEGORY	SUB-CATEGORIES
Other	Interpretation/Analysis

16. END ITEM OR SERVICES FROM THIS CONTRACT/IMPROVEMENT OVER CURRENT SYSTEM, EQUIPMENT, ETC.: One prototype/ This device will allow the operator to slice all types of film bases.

17. SUPPORTING OR RELATED CONTRACTS (Agency & Other)/COORDINATION: Due to contacts throughout industry and the intelligence community, it is concluded that no equivalent device is currently in existence.

18. DESCRIPTION OF INTELLIGENCE REQUIREMENT AND DETAILED TECHNICAL DESCRIPTION OF PROJECT (Continue on additional page if required): When existing editing tables were conceived, there was no requirement for cutting the film because all the film bases then in use could be ripped, using a ripping bar technique. Now, new film bases which cannot be ripped have come into regular use, and there is a requirement for an editing table provided with a cutter.

The main purpose of this project is the development of an editing table which is capable of cutting all of the present types of film bases. The table will be a significant improvement over existing equipment because the tables now in use do

19. APPROVED BY AND DATE

OFFICE	DEPUTY DIRECTOR	DDCI

FORM 2338

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GROUP 1 Excluded from automatic downgrading and declassification

(1-13)

R & D CATALOG FORM (Continued)

18. not have this versatility.

The table would be used in essentially the same way as are the present tables except that it could also be used for editing any type of film base. (Existing designs can only handle base materials which can be "ripped".)

The physical configuration of the proposed table would be similar to that of present editing tables with the exception that the ripping bar would now be replaced by the slicing mechanism. The proposed editing table will have the following features:

1. The film cutter is to be the offset, overlapping, ball-bearing roller-type. The cutter is to be set to butt the film ends together rather than overlap them.

2. Vacuum film clamps are to be located at each side of the splice line to secure the film for cutting and splicing. These clamps could be used with any width film from 35 mm to $9\frac{1}{2}$".

3. A fixed front fence would provide for accurate alignment of the two pieces of film being spliced.

4. Illuminated areas, 11" x 15", are to be located adjacent to the cutting area and are to be equipped with [redacted] "cold" light sources which provide illumination brightness from 200 to 1200 ft. lamberts when fully diffused.

25X1A

5. Rollers mounted at each end of the table would be ball bearing, aluminum tubing rollers coated with smooth plastic to prevent film scratching. The rollers would be mounted to carry the film about $\frac{1}{4}$" over the glass illuminating surfaces.

All of the remaining features of existing tables have been incorporated into the new design.

It was determined that extensive modifications would be needed to transform the existing tables to have the capabilities listed above.